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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of)

Docket No.: P-340.3 Burrows

Ulrichsen et al)

Group Art Unit: 3653

Serial No.:

Examiner: Unassigned

Filed:

Div. of: 08/776,689

Filed: June 9, 1997

For: DETERMINATION OF CHARACTERISTICS OF MATERIAL

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Patricia A. Priebe
Patricia A. Priebe

PRELIMINARY AMENDMENT

Assistant Commissioner
for Patents
Washington, D. C. 20231

Sir:

Prior to examination please amend the captioned application as follows:

In the Claims:

Cancel claims 1-143, 146, 147, 155 and 167.

✓ Claim 144, line 8, cancel "reflected" and insert "--received--".

Note Rewrite claim 147 as follows:

Sub A1 172. A method of automatically inspecting matter for varying composition, comprising passing through a detection station a first stream of matter, emitting detection medium to be active at a transverse section of said stream at said detection station, wherein said medium is varied by variations in the composition of said matter at said transverse section, obtaining from said detection station first detection data as to a constituent of said first stream, passing a second stream of matter through said detection station simultaneously with said first stream, emitting detection medium to be active at a transverse section of